

FIG.1 PRIOR ART

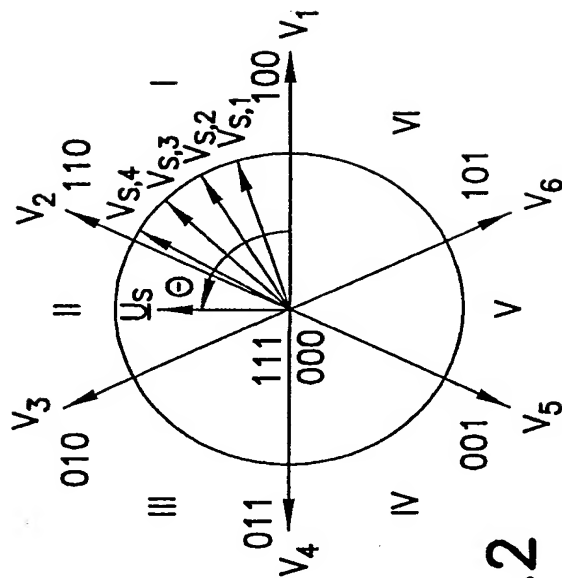
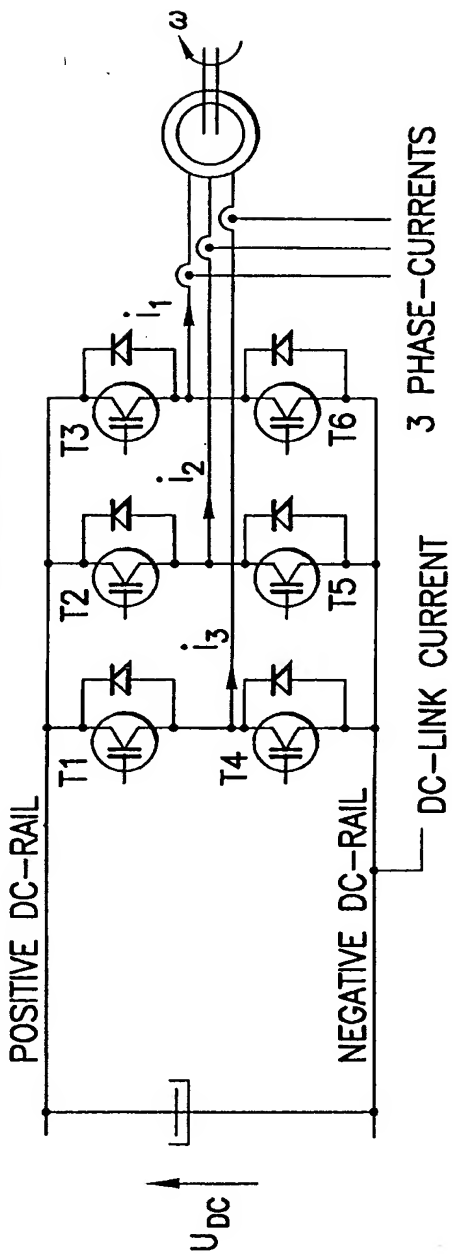


FIG.2 PRIOR ART

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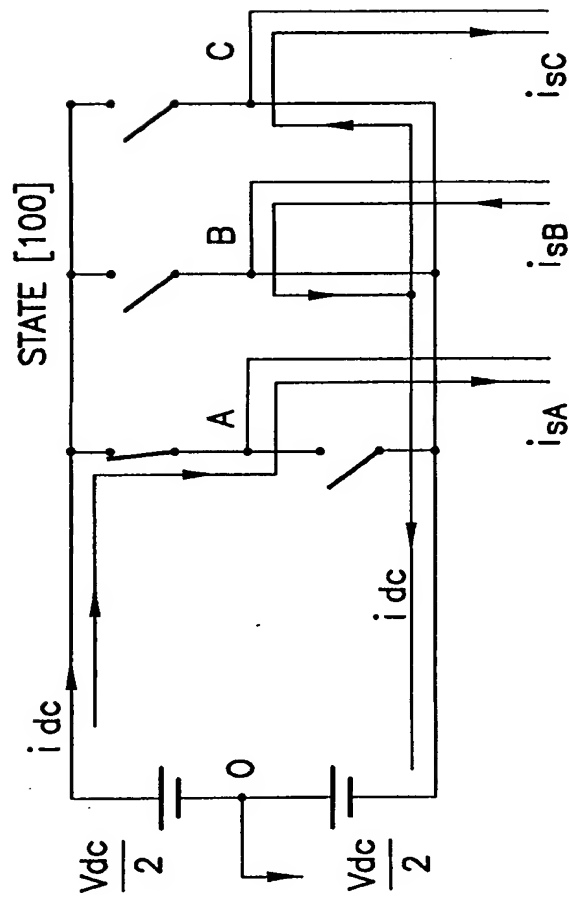


FIG.3

PRIOR ART

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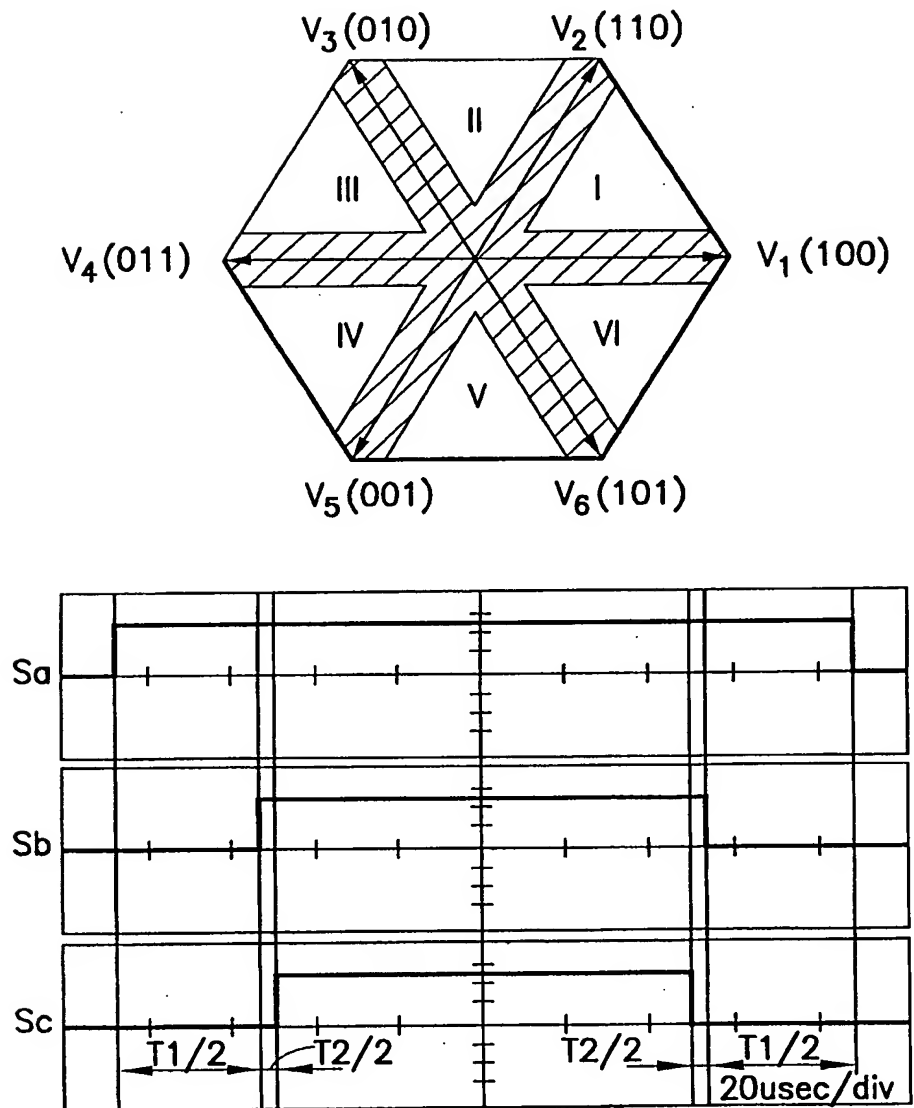
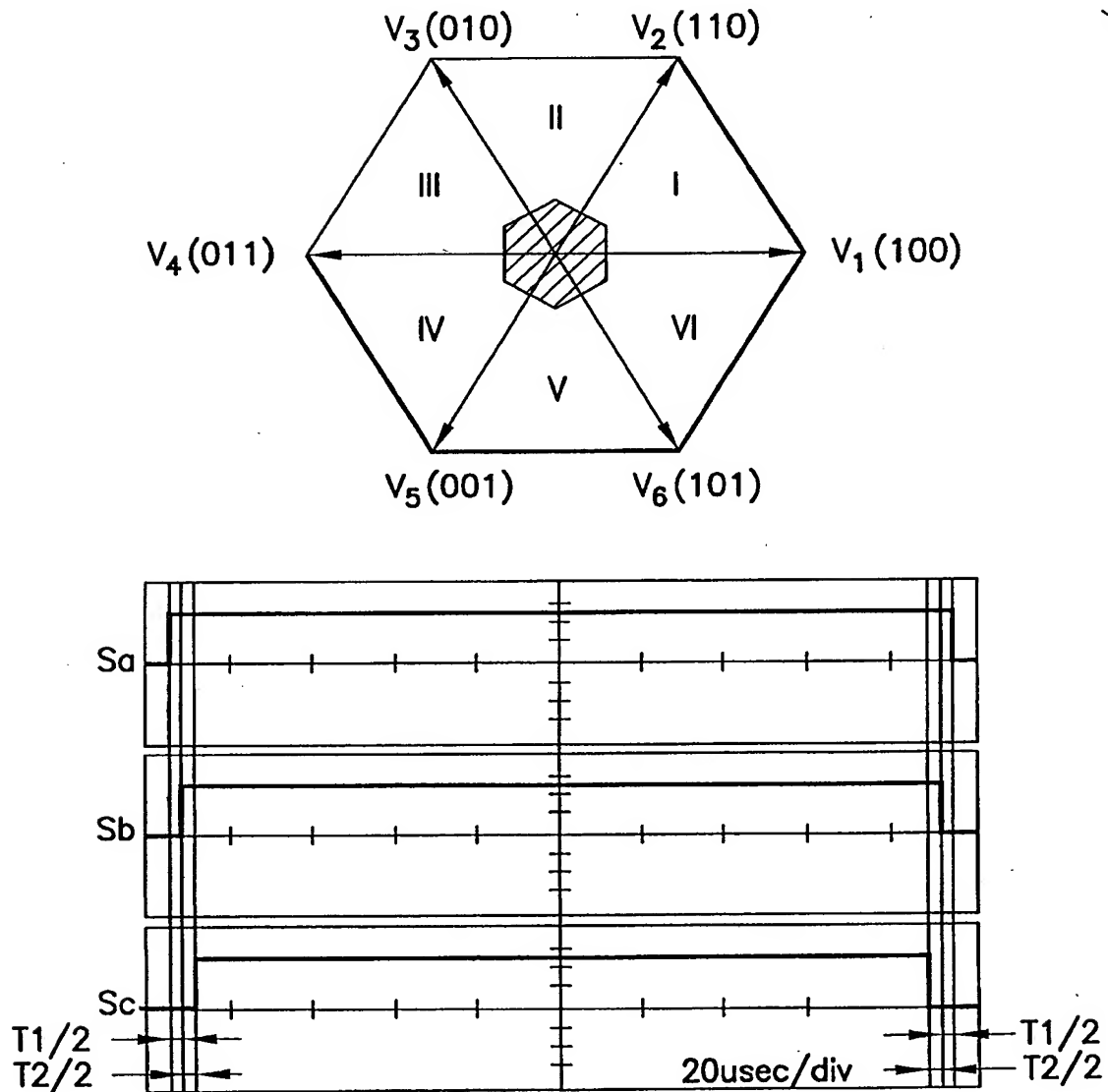


FIG.4

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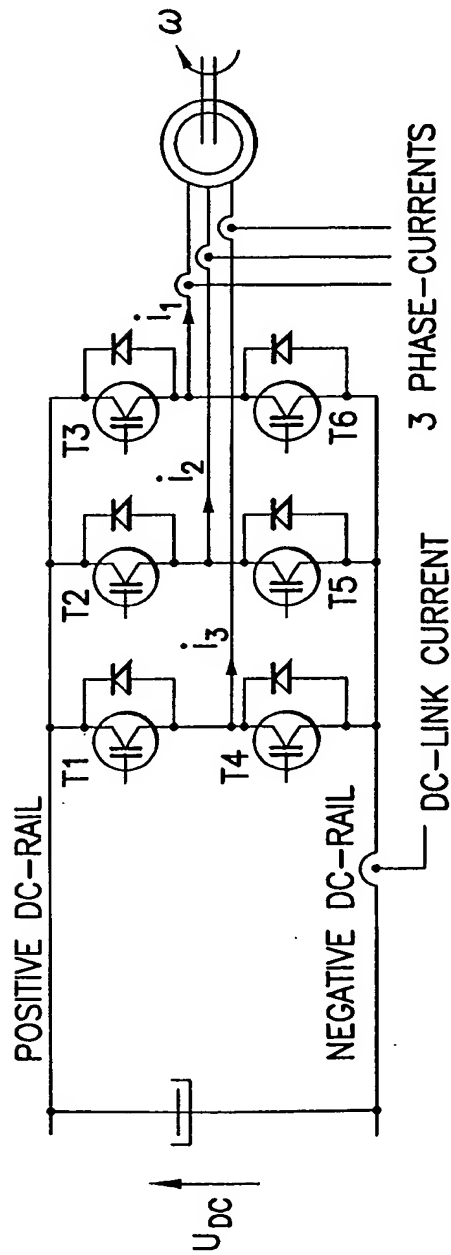
**FIG.5**

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FIG.6

PRIOR ART



RELATIONSHIP BETWEEN VOLTAGE VECTOR,  
DC-LINK CURRENT AND ACTUAL PHASE-CURRENT

VOLTAGE VECTOR	DC-LINK CURRENT $i_{dc}$
$\underline{U}_S=(100)$	$+ i_1$
$\underline{U}_S=(110)$	$- i_3$
$\underline{U}_S=(010)$	$+ i_2$
$\underline{U}_S=(011)$	$- i_1$
$\underline{U}_S=(001)$	$+ i_3$
$\underline{U}_S=(101)$	$- i_2$
$\underline{U}_S=(000)=(111)$	0